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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/414,298	10/06/1999	ROBERT A. LAND	081862.P064C	3103

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EXAMINER

SAX, STEVEN PAUL

ART UNIT

PAPER NUMBER

2174

DATE MAILED: 03/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/414,298

Applicant(s)

LAND ET AL.

Examiner

Steven P Sax

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12/12/05.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 39,40,50-53 and 63-77 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 39,40,50-53 and 63-77 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This application has been examined. The RCE and amendment filed 12/12/05 has been entered.

2. The numbering of claims is not in accordance with 37 CFR 1.126 which requires the original numbering of the claims to be preserved throughout the prosecution. When claims are canceled, the remaining claims must not be renumbered. When new claims are presented, they must be numbered consecutively beginning with the number next following the highest numbered claims previously presented (whether entered or not).

There are two claims numbered 69. Misnumbered claims 69-76 been renumbered 70-77.

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 68-70 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krishnamurthy et al (6389464) and Leong et al (6393475).

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5. Regarding claim 68, Krishnamurthy et al show: a text based interface layer to a combined text based interface generator (column 11 lines 10-30 and 45-60, column 13 lines 30-50), an SNMP agent with direct access to configuration data (column 4 lines 44-54), an HTTP server (column 10 lines 30-47) and SNMP manager only accessing configuration data by communicating with the SNMP agent (column 9 lines 1-24, column 13 lines 16-36), a combined text interface generator and HTTP client only accessing configuration data by requesting the HTTP server and SNMP manager to communicate with the SNMP agent (column 11 lines 45-56, column 13 lines 30-45) so that all safety mechanisms are built into the agent for security (column 9 lines 1-10). Krishnamurthy et al may not explicitly show a combined HTTP server and SNMP manager, but do mention the combined text interface and HTTP client (as noted above) and the incorporating of data concerning the network management with the browser format. Furthermore, Leong et al do show combining the HTTP server and SNMP manager, to incorporate data concerning the network management with the browser format (column 3 lines 45-57, column 6 lines 25-40). It would have been obvious to a person with ordinary skill in the art to combine the HTTP server and SNMP manager in Krishnamurthy et al, because it would provide an efficient way to incorporate data concerning network management with the browser format. Note that this combination thus shows the HTTP sever interface layer to the combined HTTP server and SNMP manager.

6. Regarding claim 69, the SNMP manager may reside in a different access device than the SNMP agent and configuration data.

7. Regarding claim 70, it would have been obvious to a person with ordinary skill in the art to have all features (SNMP manager, and SNMP agent and configuration data) reside in the same access device. Doing so would allow a convenient way to maintain efficient safety mechanisms for security.

8. Claims 39-40, 50-53, 63-66 and 71-77 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krishnamurthy et al (6389464) and Leong et al (6393475) and Rothermel et al (6678827).

9. Regarding claim 39, Krishnamurthy et al show: a text based interface layer to a combined text based interface generator (column 11 lines 10-30 and 45-60, column 13 lines 30-50), an SNMP agent with direct access to configuration data (column 4 lines 44-54), an HTTP server (column 10 lines 30-47) and SNMP manager only accessing configuration data by communicating with the SNMP agent (column 9 lines 1-24, column 13 lines 16-36), a combined text interface generator and HTTP client only accessing configuration data by requesting the HTTP server and SNMP manager to communicate with the SNMP agent (column 11 lines 45-56, column 13 lines 30-45) so that all safety mechanisms are built into the agent for security (column 9 lines 1-10). Krishnamurthy et al may not explicitly show a combined HTTP server and SNMP

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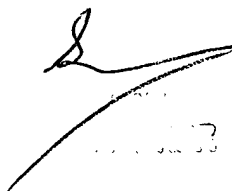
manager, but do mention the combined text interface and HTTP client (as noted above) and the incorporating of data concerning the network management with the browser format. Furthermore, Leong et al do show combining the HTTP server and SNMP manager, to incorporate data concerning the network management with the browser format (column 3 lines 45-57, column 6 lines 25-40). It would have been obvious to a person with ordinary skill in the art to combine the HTTP server and SNMP manager in Krishnamurthy et al, because it would provide an efficient way to incorporate data concerning network management with the browser format. Note that this combination thus shows the HTTP sever interface layer to the combined HTTP server and SNMP manager. Neither Krishnamurthy et al nor Leong et al show the details of the messaging between the combined HTTP server and SNMP manager with the SNMP agent and HTTP client, but Krishnamurthy et al do mention safety mechanisms for security. Furthermore, Rothermel shows the messaging system between the network manager, agent, and server for safety mechanisms for security. It would have been obvious to a person with ordinary skill in the art to have this in Krishnamurthy et al, and thus in the combined system of Krishnamurthy et al and Leong et al, because it would allow efficient safety mechanisms for security. Note that within the combination of these three references, it would have been obvious to a person with ordinary skill in the art to have all features (thus the text based interface layer, HTTP sever interface layer, and SNMP agent interface layer) reside in the access device. Doing so would allow a convenient way to maintain efficient safety mechanisms for security.

10. Regarding claim 40, the HTTP server and SNMP manager generate HTML documents with anchors that contain identifiers for MIB objects (column 6 lines 27-45, column 10 lines 47-60). The combined generator and HTTP client transmits messages containing identifiers for MIB objects in response to user input (column 12 lines 20-36).
11. Regarding claims 52-53, Krishnamurthy et al show a user interface with a text menu system (Figures 5-6 for example).
12. Claims 50-51 show the same features as 39-40 above and are rejected for the same reasons.
13. Claims 63-66 show the same features as 50-53 and are rejected for the same reasons.
14. Claims 71-77 show the same features as claims 50-53 and are rejected for the same reasons.
15. Applicant's arguments filed have been fully considered but they are not persuasive. Having all the layers reside in the same access device is deemed obvious and explained in the Office Action. The references do not teach away from this, and in fact the obviousness follows from having a convenient way to maintain safety mechanisms for security.

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven P. Sax whose telephone number is (571) 272-4072. The examiner can normally be reached on Monday thru Friday, 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to be 'S. Sax', with a long horizontal stroke extending to the right.

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